

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [12231] "Two-Way CW" & FSFD
Message-ID: <Pine.LNX.3.91.970216182057.15034A-100000@dt1.datatamers.com>

Gang,

I've been enjoying the FSFD "contest". Now I'm receiving QSL cards which I want to use toward a "QRP" endorsement on my WAS certificate. Here's a problem I've noticed: Some of my cards WILL NOT COUNT toward WAS or a QRP endorsement! The reason is that ARRL REQUIRES "confirmations that clearly confirm two-way contact...". That means the words "two-way" or the abbreviation "2X" must appear (usually in or near the "mode" box). Examples are "two-way CW" or "2X CW" or "CW 2X QRP". Some cards have the appropriate words printed. On the cards that don't (like mine) you must ADD THE WORDS.

I'm going to have to return 4 cards so far, and ask for replacements that have the required words added. Altered cards are not allowed, so the original ones are NO GOOD!

So please, guys & gals, fill in your cards correctly so they will count toward WAS.

72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Joel Malman <malman@BBN.COM>
Subject: [12298] 2xQRP DX
Message-ID: <199702172129.QAA61515@nss2.CC.Lehigh.EDU>

Just wondering... Did anyone else work a 2xQRP contact during the contest? I worked 6Y0A (not sending BY0A) using 5 watts on his side, 4 watts on my end.

/joel wa1qvm

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Ron Giuntini <rong@slip.net>
Subject: [12266] 38S D7 Circuit Hole
Message-ID: <E0vwVua-00050P-00@ferret>

OK, I guess the circuit board has a hole under D7 because of a change..Or is

it for a jumper regarding a mod? Anyone know?...I am stuffing the board now and was just wondering...I see it is not a ground through-hole.

Ron, KB6GK

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [12234] 38S LOW OUTPUT
Message-ID: <3.0.32.19970216214009.006b2b04@pop3.concentric.net>

Is anyone else having problems getting output out of there 38? I'm running a stock unit which I understand I should be able to get around 300mw out of it. I'm only able to get approx 25-50mw, when it's properly tuned up. That's when I have a good looking scope waveform by adjusting TC2 correctly. If I try to get any more out, it starts putting out garbage. I've tried a new 2n3904 thinking mine might have low output. It didn't help.

Any idea's.
Mark -WB0IQK-

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Steve Miller <kg7pv@teleport.com>
Subject: [12283] 38S thump
Message-ID: <1.5.4.32.19970217185448.006668b4@mail.teleport.com>

Have been playing around with the "thump killer mod" from the Feb 97, page 74 QST. It adds two 1N914 diodes across pins 1 and 2 of the NE5532 amp in the KK7B transceiver. Tried this in my 38S which has a loud click/thump on key up. The mod reduced the click thump by about 50% (to my ear). Interestingly, it works better with the 47 ohm resistor in at R24 than with R24 jumpered. The rig sounds better too. Try this and let me know if it works in your rig. The thump here is now down to level I can tolerate but am still looking for a way to fully eliminate it.

Another observation. I don't recall who asked but if you take out C33 and R18, the TiCK keyer sidetone and telemetry tones are MUCH louder. With these parts removed the tones were loud even without the TiCK mandatory mod. I had to increase R17 to 10 meg to get the sidetone down to a tolerable level. Any feelings on which is the best way to beef up the tone volume? 73
Steve Miller KG7PV Portland, OR

(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>
Subject: [12263] 40m 38 Special not quite finished
Message-ID: <M29502135.013.r5u4b.1.970217150414Z.CC-MAIL*/OU=SATCG/OU=AZBH/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Oh well.... The 40m 38 special is not quite finished yet.

I guess I have not learned my lesson. My 30m rig with its 6.179 MHz crystal IF had major bleed thru the front end from the BBC SW broadcast. It took some work to beat that one down.

Likewise, the 5 MHz IF I now have, has big problems with 5 MHz WWV. Oh well.... Time for the same type fixes as with 30m.

I guess there is something to be said for tried and true IF frequencies such as 4.0 MHz!

Just a few more fixes.....

Thanks much, Tim!

- Dan, N7VE (ex-KK7BD)

----- Reply Separator -----
Subject: Re: Re[2]: New Vanity Call
Author: tahrens1@juno.com@INTERNET at #EMAIL
From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [12243] 49er works!
Message-ID: <Pine.SUN.3.91.970216213956.12142A-100000@kitsune.swcp.com>

Hi Fellow QRPer's, had a ball building the 49er but when I first hooked it up it wouldn't work right off the bat. First problem was not the 49er, but the 1/8 inch female jacks that I bought from R.S.You guessed it, they were shorted, and yes they were new. I wondered why the xmtr stayed keyed all the time and why I couldn't get any audio out of the headphones! In the meantime I had reversed polaritied the 49er! Talk about getting frustated!!! So, I installed some new jacks and replaced the 78L05,2N3904,and the 2SC799. Works great now and am ready to make a

contact! Now on to the 38S! Am planning on keeping both rigs stock, but may build an outboard amplifier. Of course I will built it in an Altoids tin so it will match my 49er!! 72, and TNX NorCal!! Tom WB5QYT qrp-l 640

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "Carol N. Wright" <cnw@hiwaay.net>
Subject: [12232] AE4JM from AL!
Message-ID: <Pine.OSF.3.94.970216204510.7386A-100000@fly.HiWAAAY.net>

I'm on 7.040 now, 0245 UTC Sunday night, I'll be here until I'm ghost talking. If anyone needs Alabama for QRP WAS on 40 mtrs, I'm here.
Best 72 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [12248] ARRL contest
Message-ID: <199702171939.UAA04098@mail.med.up.pt>

Hi, folks,

I have been for a quite short time at the ARRL contest this week end, running the QRP+, CW 5 Watts, on the TH6 (19 meters AGL) and the Windom (fed at 18 meters AGL).

Made abt 150 intercontinental QSOs, including half a dozen in the 80 meters (several american regions worked). I have tried the 160 meters with my Marconi aerial (it can reach quite easily the USA with QRO), but no QSO achieved with my 5 watts. Maybe next time...

No QSOs on the 10 meters as well, I have checked it several times but nothing has been eard.

Hope to have worked some of you!

Best 72/73 de Roger, CT1ETT

Rogério A. F. Gonzaga, MD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT QTH Loc IN51re
G-QRP Club # 8673 ISWL # CT-20574 QRP-L #516

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: rheiss@tuba.aix.calpoly.edu (Robert Everitt Heiss)
Subject: [12218] ARRL DX CW Results
Message-ID: <9702170022.AA48093@tuba.aix.calpoly.edu>

An 80m "effort" from California. QSB was severe Friday night. I've been soldering more than operating lately and didn't know that my 80m coax had suffered backhoe fade during my new neighbor's attempts at landscaping. Fixed it and got some DX action Saturday, with some good ears out there:

0506Z XE2L
0511Z KL7Y
0556Z AH6MZ
1007Z JA1YDU
1351Z JH5FXP

Rig: Argo 509 @4W. One more watt, one more country than last year.
Ant: a coax marconi made of RG59 copperweld/foam/copper, supported up about 20ft by a steel TV mast and the rest slopes up to 40ft in an oak. The matching/DC stub is built into the antenna. A ground screen of twenty insulated 22 AWG wires totalling 1450 feet is simply laying on the surface, hidden by thatch from carefully mowing over the wires. No ground rods or water pipe connection, and no tuner in line. This isn't the last word in aerials but I described it so you all can compare. OK that satisfies my DX ambitions for a while -- hope you had fun too.

73, Rob K06KA CP-30
rheiss@tuba.aix.calpoly.edu
rheiss@volta.elee.calpoly.edu

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "Vernon A. Hatley" <vhatley@flash.net>
Subject: [12262] Copying high speed DX
Message-ID: <199702171503.JAA26239@endeavor>

Since chasing DX is one of my major interest in radio, I have come up with couple of ways to copy call signs at high CW speeds. First

and foremost; record *ALL* DX contacts on tape! The ideal tape recorder is one of the microcassette models that has two tape speeds; normal and half speed. These are available from Wal Mart, K-Mart, Radio Shack, and just about every other department or discount store.

Going price can be as low as \$17-\$19. As soon as you hear the pileup and realize it is a country you want, start taping at normal speed. Tape the exchange even if the DX station is only sending 5 wpm. In the heat of excitement with a new DX contact, the mind can play strange tricks on what you think your hearing. Yes, I too have fallen prey to a Jamaican call thinking it was China. (on more than one occasion) Go ahead and write down the exchange or copy in your head then afterwards play the tape back at half speed and compare what you copied to what you recorded on tape. The tape doesn't lie. Another trick is to copy only one letter each time the DX call is sent. Listen closely, try and get the first letter of the call. Don't worry about the rest yet. When your sure you have the first letter, start listening for the second. And so on till you have whole call. The problem with this method is that some DX stations don't send their call with each exchange. Some stations only identify every 10 to 20 exchanges. So that method is very limited. The most reliable way is to use a dual speed tape recorder. Hope this helps out some.

--

KK5RO

Vernon A. Hatley

Shawnee, OK

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: "KA5T Larry Wise" <lewise@inetport.com>

Subject: [12238] Debugger #1 - Day 1

Message-ID: <199702170405.WAA13740@admin.inetport.com>

OK Gang here's the day one report...Not very interesting I'm afraid...

Major POTENTIAL find of Day 1 - from the schematic and other instructions:

IF filter caps are same value for all rig variations (15m 17m 20m 30m 40m) but IF frequencies are not the same..... Hmmmmm.

You don't suppose... Naaaahhhh.

Got the box about 4PM Saturday after being out to the Bastrop County hamfest in the morning, and looking at new pick'um up trucks and tops in the afternoon... Talk about sticker shock.... Bought the Radio Shack probe out there...Got to test it out....Small fest, one of those that opens up at 8am and is done by noon....

Background:

Before the box came and in preparation for this joust I pulled all the old K1BQT articles I could find and reviewed the schematic diagrams and parts lists and building and tuning instructions....

Here are the articles for those interested:

The QRP Transceiver by Rick Littlefield, K1BQT CQ Sep 90 p43

(This is the basis for the RadioKit rig, same printed ckt board etc.)

An NE602-Based QRP Transceiver for 20-meter CW by Rick Littlefield, K1BQT Box 114, Barrington, New Hampshire 03825 Ham Radio Jan 89 p9

(This is a three board rig from which the QRP 15 was developed by Rick. This rig and the one described in the following reference have a 10k resistor in the base-collector circuit of the TX-RX switching transistor (a 2N3906) which is not in the QRP 15. The surrounding circuitry is the same. Almost looks like a typo in the RP 15 article...Hmmm)

A Compact 20-meter CW transceiver Ham Radio Jun 87 p8

(A 15 watt rig from which Rick developed the QRP 20.)

There were a couple of earlier articles listed in the references section of the Jun 87 article which may also be of interest.

(Boy, Rick sure is a builder!!)

I found that I sure have a preference for schmatic diagrams which list both a component ID and the value. It make life so much easier!!

I concentrated on the QRP 15 article and added component IDs and made complete parts lists and reviewed these and the board layouts and the building and tuning instructions....

Generated lots of paper and learned some stuff.

Read the Wes Hayward articles on crytal filters in QST May 82 and July 87.

Now for Day one activities....

First order of business upon box arrival was a complete inventory of everything.

Box Inventory: (OH Boy... lots of bit and pieces.. The box is 7 x 9 1/4 x 12 inches

and had four dollars postage on it.)

Manila folder with manual and misc notes not all of which I have fully digested..

(One would not confuse this with a Heathkit instruction manual.. :-)

White box 3 1/2 x 6 1/2 x 7 1/2 inches containig board and attached parts in an anti-static bag.
Bag of 11 xtals - 5 - 12.000mhz and 6 - 6.0000mhz
5 x 8 1/2 sheet of paper with some caps taped on and labeled.
5 x 8 1/2 sheet of paper with some resistors, diodes, and choke taped on and labeled.
5 x 8 1/2 sheet of paper with some wire taped on it and labeled.
5 x 8 1/2 sheet of paper with some wire taped on it and labeled.
(it is obvious from the markings that other parts were on these sheets at one time.)
Four inch piece of 1/2 in PVC with two blue switches mounted, with 3 3/4 ft of cable
and a 1/8 stereo plug on the end... A paddle simulator I guess, wired that way...
2 x 2 1/2 inch pc board stock with uglies on it labeled "xtal osc for checking freq of xtals - W1FB Design Notebook p181
2 5/8 x 3 1/2 inch pc board stock with pads cut and components labeled "Jig for testing osc ckts used in RadioKit" (Somebody's been there, done that...
No results notes however.)
Tranceiver case and 2 bags of hardware and misc parts for the case.
Loose parts, some are new and some seem to have already been tried :-) ...
ECG235 NIB
ECG311 NIB
2 - NE602AN in foam
8 pin socket in foam
MC7812C
1K Bourns pot
10K Alpha pot
1K GC pot with switch
MRF479

This looks like a nice little rig if we can get it going.....

This inventory got interrupted by the OUTLAW NATIONALS Tractor Pull in Austin at the rodeo grounds....NOISE!!! POWER!!! QRO fer sure !!
MONSTER trucks crunching old cars... What people won't pay to see...
Sarah and one of our sons and his wife and some friends (including John Barleycorn) and I soaked up all this noise and excitement all evening, which definitely brought out the badgers to see if I was going to continue the debugging tonight!!! No Virginia not tonight....

Today (Sunday) finished the box inventory.

Performed a comparison of the RadioKit schematic with that of the CQ article...

Some changes for frequency differences:

Table for 15m 17m 20m 30m and 40m frequency sensative parts.

(Interestingly the caps in the crystal filter are not in the table even though the IF freq changes with the bands!! Same value specified for all bands!!! Can this be correct??? I don't see how it can... Will check the Wes Hayward article in May 82 QST and the handbook...)

Most variable caps have a fixed padder added to set proper value and still use same variable cap for all bands. These caps go on the foil side. The TX driver device varies depending on band:

15,17m - 2N5109, 20m - 2N2219A, 30,40m - 2N2222A

Some changes for function:

Left out the CW pilot indicator circuit (Cost cutting??)

Changed the BFO and TX VXO circuits for "improved shift"

Added 100 ohm resistor to the two 2N3906 emitter circuits.

Changed 6 volt regulators for NE602s to 5 volt units.

Power for external keyer at key jack removed. (Accidently omitted???)

Some changes for ??

Audio coupling cap into LM386 changed from 1uf to 2.2uf.

Audio coupling cap between U3 and audio filter moved from filter side of switch to U3 side of switch.

Performed a comparison of the QRP 15 article by K1BQT in theRadioKit manual with that in Sep 90 CQ. Not identical, mostly editorial changes.. But:

In the Final Alignment section step 4 is omitted. This section had references to the CW pilot LED, but contained the instructions on how to set up the AGC threshold.... Hmmmm

In the Final Alignment section step 5 is omitted. This section defined how to setup the RIT... More Hmmmmmm...

In the Final Alignment section the step on alignment of the 11mhz trap is lined out. Hmmmm again...

Reviewed all the RadioKit documentation and other misc notes from previous mystics included in the manila envelopment.....

Made some copies of the enlarged parts layout diagram and the enlarged front and backside bare board diagrams to make notes on..

You never really appreciate a good silkscreen job til you try to work with BARE boards...

Started inventory of installed parts on the board and inspection of all the thingies stuck on there....

Next on the list:

Finish Inventory of parts installed on board and all jumper connections.

Figure out if the caps in the xtal filter are correct or need to be changed.

Try to check for solder bridges and other wrong things on the solder side.

Verify the toroid windings on all toroids.

If all the above goes well, attempt the INITIAL TESTING as specified
in the documentation....
Take a walk in the sunshine to ponder life and work off a few calories..

More later....

(I know.. I know... POWER UP!!!! Patience patience... don't want to
fry it all!!)

Larry

By the way how do you wind 1/2 turns on a toroid????
You know like "...1 1/2 turns on the ground end...".

KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com QRP-L 89
ex: KN8OSG K8OSG(1959-1967 MI) W6HED(1967-1968 Ca) W4ZTB(1968-1978 Fl)

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Tony Fishpool <101573.3220@compuserve.com>
Subject: [12301] December QRPP - Lost in Space??
Message-ID: <970217214335_101573.3220_IHK64-1@CompuServe.COM>

Greetings all,
It would appear from the responses I received to my enquiry
on the UK reflector that no one (on the list) over here got the
December QRPP (or is not owning up to it). So would some
kind soul or souls consider photocopying it for us Brits. Once I
have a copy I could arrange to distribute it to other U.K. members
via GQRP-L.
I have a few green stamps left over from last years Dayton
so I could re-imburse expenses.

I don't think Doug would object to this, but I am willing to stand
corrected.

The same is true of QRP Quarterly, but that comes surface
mail (rather than by air) and so could still be in the post and may
arrive any month now.

OB 38-Special chatter. I worked into (near) Brno in the Czech republic
yesterday with the "barefoot" NC38. With the aid of my World Atlas CD
it worked out to around 2400 miles per watt. Not a record I know, but I am
well pleased with the performance. So pleased, I then put it in a box, and
guess what, it still works!

Sometimes you have to stand back and marvel at how such a tiny signal can go all those hundreds of miles.

Kind Regards
Tony - G4WIF

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [12291] Dumb Dummy Qestion
Message-ID: <3308bbd4.181683776@smtp.usit.net>

I found two each 50 Ohm and 100 Ohm 10W power resistors at Radio Shack. One measured 48.9 on the DMM. The 100 Ohms I put in parallel to get 50 Ohms, measured at 49.0 Ohms.

How much difference is 1 Ohm going to make as to SWR? I looked in the 1990 handbook, but can find no way to calculate SWR based on two readings (ideal vs. actual). One is mounted to a coax stub, the parallel 100 Ohms is in a box. I know I'm adding some reactance by using the parallel, but will the SWR still be OK?

Also, how much power out can I reasonably expect to use these two dummy loads? I would suppose the 50 Ohm 10W would be good for 10W continuous. Will the parallel 100 Ohm 10W give me 20W power maximums?

Thanks for the help. I'd be interested not only in the answer, but also the math involved if someone has it available.

72 es 73 de=20
Marty, KM7W (x-KN4BH)

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
ARRL VE - QRP ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid Sq EM55oq
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From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Floyd Smithberg <floydng7x@worldnet.att.net>  
Subject: [12247] DX Contest Condx HOT!

Message-ID: <19970217044834.AAA10055@LOCALNAME>

Well as usual, "think I'll just look for a few new countries." After 15.5 hours total op time and 11 new ones for a current total of 94 worked, I've concluded we must be on the way up the sunspot cycle. Sigs were loud and coming in from everywhere at once...

Worked all continents Sun.in 1HR10M

|       |            |      |            |       |
|-------|------------|------|------------|-------|
| 2211Z | J01YAO     | Asia | my pwr out | 500mW |
| 2215  | JH1HRJ/QRP | Asia |            | 5W    |
| 2225  | VP5JP      | NA   |            | 100mW |
| 2249  | OH8MDJ     | EU   |            | 5W    |
| 2257  | ZD8Z       | AF   |            | 5W    |
| 2305  | ZZ2E       | SA   |            | 5W    |
| 2311  | ZS6AJE     | AF   |            | 5W    |
| 2320  | ZF2NE      | NA   |            | 5W    |
| 2324  | VK2KM      | OC   | Long path! | 5W    |

Different countries worked.....41

40M.....20M.....15M

Countries/band.....4 + 35 + 15 = 54

Contacts/band.....8 48 16 = 72

Total Qs..... at 3 points X 72 = 216

Score.....54 X 216 = 12,064

Category.....QRP (5W out or less)

Equipment.....TS850, CMOSIII, NIR12,HB SCAF

Antennas.....3 El Triband, Explorer at 45' and 33' HB Vert for 40M.

Was great to see the bands open like this again. Hope I'm around to experience my 6th cycle peak in few years! So get you SSB rigs and antennas tuned up for the phone weekend coming up in March...see you on 20!

Floyd NQ7X Phoenix ScQRPion dm33uq

ARCI G-QRP NORCAL ARRL

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: "Brian J Keegan" <bkeegan@viconet.com>

Subject: [12251] DX QSOs w/QRP

Message-ID: <199702171343.IAA00112@mail.VICONET>

Congrats to all who worked DX this past weekend using QRP.

It's not so hard when there's DX there to hear us, is it? WE all know that because WE'VE

done it. Yet there are many, many operators who just don't believe a QRP signal can net the

same results as 100+ watt signals. They just don't get it!

Just my way of spreading the word that QRP works.

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Jim Hydzik <congress@magpage.com>

Subject: [12300] For Sale MFJ-9040 w/accys AND NW20 sealed kit  
Message-ID: <199702172203.RAA23728@alaska.magpage.com>

Hi Gang,

You might remember me passing along a friends FT-840 4 sale last week. After using it for a week+ I've decided to keep it and move the other 3 stations.

MFJ-9040 Rev. 5a board (newest) and anti-hiss cap Vy Clean  
MFJ-4114 Power Pack and Supply (\$69.95 new)  
MFJ-412 Keyer option installed (\$39.95 new)  
MFJ-726 Audio Filter installed (\$29.95 new)  
Complete Package for \$225 (\$329 if purchased new today)

AND EMT Xmas Special....unopened  
NW20, with filter and cabinet: \$110

AND 38 Special....will hand carry to NJ-QRP Club meeting this Saturday \$28  
with extra 6.h uH choke :)

First to reach my screen gets it. If someone wants it all, I'll include shipping.

Jim K3QIO Delaware

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: James Bennett <james@research.nj.nec.com>  
Subject: [12272] FOX reminder: Tonight!  
Message-ID: <Pine.sol.3.91.970217122842.11693C-100000@shakti>

As I mentioned I will be the fox tonight:

Feb. 17 8:30-10:30 Eastern time  
in UTC: Feb 18 0130-0330.

Around 7.034 +- QRM

>From the "garden state" of New Jersey

May the propagation be with us.

James Bennett  
KA5DVS  
QRP-L #63

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: martin38945@juno.com  
Subject: [12299] FS FT-767GX 2 meter module  
Message-ID: <19970217.165334.9743.1.martin38945@juno.com>

FOR SALE... FT-767 with two meter module. Ideal radio for someone who enjoys VHF and HF and wants it all in one package. Also great satellite radio. Recently factory aligned. Very good condition. I have listed on several other boards at \$1150. I will sell to anyone with QRP-L number... or any avid QRP'er for \$1050 and I ship.

Reply by E-mail only to: martin38945@juno.com

Thanks to all.

Martin W9XN QRP-L #998

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Jim Hydzik <congress@magpage.com>  
Subject: [12270] FSFD (50 States) Update for Feb. 16  
Message-ID: <199702171625.LAA04521@alaska.magpage.com>

Hello ALL, (QRP activity info at <http://www.dancris.com/~ki7mn>)

Please read NOTE 1 at bottom of page.

The 50 States In 50 Days (FSFD) activity started Jan 01 and runs through Feb. 19. Below is a the schedule of the remaining States. We will attempt to provide digested schedules of states/times/bands/freqs to help reduce message traffic to the reflector. Typically, only 1 message per day.

ALL TIMES UTC

-----  
Feb. 18 Tue. CANADA Only VE3FLB/VE3JC/VE5RC/VE7CQK have responded.

|             |           |         |        |
|-------------|-----------|---------|--------|
| VE3FLB, Rob | 0000-0100 | WED-UTC | 10.118 |
|             | 0100-0230 | WED-UTC | 7.038+ |
|             | 0300-0500 | WED-UTC | 3.557  |

|              |           |         |        |
|--------------|-----------|---------|--------|
| VE5RC, Bruce | 0030-0100 | WED-UTC | 14.060 |
|              | 0100-0200 | WED-UTC | 10.116 |
|              | 0200-0300 | WED-UTC | 7.037- |
|              | 0300-0400 | WED-UTC | 3.570  |

VE3JC and VE7CQK will be on and roaming around the bands. Real foxes :)

|                           |            |           |          |        |
|---------------------------|------------|-----------|----------|--------|
| Feb. 19 Wednesday VERMONT | W1EAT, Tom | 1700-1730 | UTC      | 21.060 |
|                           |            | 1730-1800 | UTC      | 14.060 |
|                           |            | 2300-2400 | UTC      | 14.060 |
|                           |            | 0000-0100 | Thur-UTC | 7.040  |
|                           |            | 0100-0200 | Thur-UTC | 3.560  |
|                           |            | 0200-0300 | Thur-UTC | 1.810  |

Feb. 22-23 CQC/FYB0 and FSFD Blow Out So far: AL7FS-Alaska, KJ7UN-Montana, NR3Z-PA, N7CQR-OR, N7MR (& WY. crew), WB0QQT-Nebr, WS4S-TN, have all indicated they will be on. Since "everyone" else is geared up for these events too, it seemed unnecessary to tie up individules with specific schedules so just 'go for it'. This will be one of the best, if not crasiest weekends until Field Day. Enjoy (freezing is optional).

NOTE 1. Most sign-ups came with a note saying they would go longer if busy. Frequencies are +/- QRM & typ. may reach as far as 3-4 KHz from posted freq. If am major QRP frequency is listed, like 7.040, it means close by if possible. We will attempt to avoid being right on 7.040, 14.060, 10.116, etc.

CALLING CQ: A suggestion. If we call CQ WAS or WAS QRP de VE.... etc, we give those not on QRP-L an indication of what we're doing. FSFD type calling might be too cryptic for all but ourselves. However 'FS' is fine when busy. Exchange RST, State/Province/Country, and Name. Power level is nice to know.

Remember, Jim K1MG starts up 50/40 activity next month. Watch for messages.

Jim K3QIO Wilmington, Delaware

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Jim Hydzik <congress@magpage.com>  
Subject: [12216] FSFD volunteer summary TOTALS Revision 1  
Message-ID: <199702162352.SAA14349@alaska.magpage.com>

Just for the record, the following is the Total Q's vs Volunteer station list gleamed off of the reflector and by private mail. If there are any corrections or additions, please send them to me directly. A final talley will go out when the Winter FSFD is over on FYB0 weekend. This is revision No. 1



|         |    |    |            |    |    |           |    |    |
|---------|----|----|------------|----|----|-----------|----|----|
| KS4L    | AL | 34 | WA5CVM     | ME | 24 | K4NK      | SC | 55 |
| NS40    | AL |    | N3REY      | MD | 29 | W2UX      | SC | 68 |
| AL7FS   | AK | 98 | NF3I       | MD | 1  | N4UK      | SC |    |
| KC7NEV  | AZ | 18 | WA1QVM     | MA | 36 | NR5A      | SD | 14 |
| W7KXB   | AZ |    | W8KC       | MI | 16 | AC4HF     | TN |    |
| KK7BD   | AZ | 23 | WA8LCZ     | MI | 30 | NR3E      | TX | 32 |
| W0LK    | AR | 14 | K0EVZ      | MN | 26 | W5TFB     | TX | 32 |
| N9ZZ    | AR | 33 | N0UR       | MN | 26 | K5WO      | TX | 13 |
| W6JHB   | CA | 19 | K5XU       | MS | 10 | W5HNS     | TX | 51 |
| N6WG    | CA | 7  | N0IT       | MO | 40 | AB7ST     | UT | 46 |
| AC6KW   | CA | 14 | N0SS       | MO | 24 | W1EAT     | VT |    |
| K6LS    | CA | 27 | KJ7UN      | MT | 31 | N7RI      | VA | 9  |
| AL7GQ/0 | CO |    | WB0QPA     | NE |    | N7MFB     | WA |    |
| AA0XI   | CO | 14 | WB0QQT     | NE | 6  | N7TCZ     | WA |    |
| KB0VCC  | CO | 16 | KU7Y       | NV | 52 | KJ7NS     | WA |    |
| AA1MY   | CT | 28 | AA1MY      | NH | 19 | K7MP      | WA |    |
| K3AS    | DE | 13 | AA1IK      | NH | 56 | K5IID/8WV |    |    |
| KA3LLL  | DE | 13 | N2CQ       | NJ |    | W8PT      | WV |    |
| K3QIO   | DE | 32 | N2TNN      | NJ | 7  | WA9PWP    | WI | 38 |
| KK4KF   | FL | 3  | WA5WHN     | NM | 24 | N7MR      | WY |    |
| N4BP    | FL | 93 | \W/WB5LYJ/ |    |    | N3FRT     | DC |    |
| W4ED    | GA | 23 | WZ2T       | NY | 25 | K3VOA     | DC |    |
| N4XY    | GA | 12 | KV2X       | NY |    | VE3JC     | ON |    |
| AL7FS   | HI | 2  | AE4IC      | NC | 42 | VE5RC     | SK |    |
| AB7TK   | ID | 36 | K8IDN      | OH | 37 | VE7CQK    | BC |    |
| N9HH    | IL | 26 | NS80       | OH | 2+ | VE3FLB    | ON |    |
| N9DD    | IN | 27 | K8NU       | OH |    | NR3Z      | PA |    |
| KD0CA   | IA | 14 | KG8SF      | OH |    |           |    |    |
| KB0PZD  | KS | 18 | AA8EB      | OH | 13 |           |    |    |
|         |    |    | WD8RIF     | OH | 10 |           |    |    |
| KG0MZ   | KS |    | AB5UA      | OK | 18 |           |    |    |
| KC40    | KY | 30 | N7CQR      | OR | 23 |           |    |    |
| AC5AM   | LA | 77 | KT3A       | PA | 35 |           |    |    |
| K5RV    | LA | 28 | KA9HA0     | RI |    |           |    |    |

Next Year, Karaoke CW, Jim K3QIO Delaware (yes addictions)

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
 From: "Phil Sikes" <psikes@whidbey.net>  
 Subject: [12240] FSFD WA  
 Message-ID: <199702170415.UAA01462@islander.whidbey.net>

Well I had a geat time again. There sure weren't very many takers out there, but here is what I worked:

WA0NKE 339 MO  
K6YN 579 CA  
W9UQB 559 AZ  
KF7QZ 569 WA  
WL7CKX 559 AK  
K4WZ 339 GA  
KS6Z 599 CA (Definitely not QRP, looking for a sig. rep.  
so I worked him anyway)

I figured after the contest the frequencies would be clear but far from it. I had a hard time keeping a clear freq. for the hour + that I worked tonight. Glad I could help out those who needed WA for WAS.

72 - Phil  
Phil Sikes - KJ7NS  
ARCI #9196 - QRP-L #528  
FISTS #2602 - NW QRP #412

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Robert D. Haslach" <rhaslach@CapAccess.org>  
Subject: [12255] FSFD WDC  
Message-ID: <Pine.SUN.3.91-FP.970217090707.17640A-100000@cap1.capaccess.org>

A slow start to FSFD from the Nation's Capital.

Here is the log so far

7042 1145Z K5ID Ken TX  
7042 1159Z AC5AM Bob LA

7044 1213Z K5TGY John AR (50W, but nice guy, anyway)  
7042 1138Z KP4FBM Jose PR (100W but, there was no action otherwise)

10116 - I faintly heard something in the noise - a gentle pulsing that suggested the presence of a modulated carrier - but couldn't do much on 30m this morning.

I'll see you guys later today

Regards,  
Robert D. Haslach  
Bye

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Joe Gervais <vole@primenet.com>

Subject: [12289] FYBO Logsheets and Other Info  
Message-ID: <199702172010.NAA01129@usr08.primenet.com>

Howdy Folks,

Big QRP weekend ahead! FYBO on Saturday, CQC contest on Sunday.  
Buy your spouse a nice gift and tell 'em you love 'em, 'cause  
you may not see them for awhile. :-)

I'm pleased to announce that Bob (N4BP) has graciously created  
a log sheet and summary sheet for FYBO, saving us all \*alot\* of  
time and angst. Should be available by tomorrow. I'll post both  
to the List, and ask ScQRPion Bob (KI7MN) to add them to the  
FYBO section of his webpage too. (Thanks to both Bobs ;-)

Also, the AZ ScQRPions' Frozen Chosen FYBO expedition is happy  
to add one more (fool)hardy soul to our operation: Glenn (KC7SXW)  
is a brand new ham, but already picked up his Extra. He's a  
serious hiker/backpacker/snowcamper though, so we put him in  
charge of carrying all of our stuff. ;-)

So listen for me (AB7TT), Mike (N07K) and Glenn. We'll have a  
fan dipole covering 15/20/40m high in the trees, right on the  
edge of a 2000' drop from the ridgeline, broadside to the N.E.  
Should be a nice signal! Hope to put up an 80m dipole as well,  
and a vertical for our second station (one callsign per station  
at a time, of course).

Just a few days away, folks! Get yer thermometers and hot  
chocolate (with the little itty bitty marshmallows) ready to  
go!

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Brian Kassel <bkassel@dancris.com>  
Subject: [12271] FYBO: Phoenix Valley Group - Details  
Message-ID: <199702171720.KAA15722@dancris.com>

Folks:

The AZ ScQRPions will be fielding 2 seperate groups for the  
upcoming FYBO test.

The first group will consist of our two hearty dudes, Joe AB7TT, and Mike NQ7K. They'll be heading up to the snow covered mountains. Ahh, the young and adventurous!

The second group will consist of the remainder of the ScQRPions, and any others who would like to join us who like to be participating in the field. Our primary purpose is to hand out as many QSO's to as many "real" participants as possible, QRP of course. We have a portion of the park reserved and any and all QRP types who would like to camp with us are welcome. Stay for an hour or for the whole contest period.

Here are the particulars for that second group:

We will be operating from White Tanks state park in the west Phoenix AZ valley ( directions follow). We will have several operating positions available for any ScQRPions, or any other non-ScQRPion QRP ops who would like to join us. You may camp as well. The more, the merrier! The fees, if any are only a buck or two. All roads are paved, and are accessible by any vehicle.

Floyd, NQ7X and myself will arrive on Friday 2-21 about 10:00 A.M. to do some preliminary antenna and site set up. Several others including Kent Torell and Dan Tayloe will be joining us early on Saturday morning, 2-22 to help in the final erection and testing of antennas.

I will be staying over at the site on both Friday and Saturday nights.

The primary operating positions will have at least 2 separate antennas, a long extended wire gain antenna and an elevated vertical. We will be able to switch between them in an attempt to get the best angle for each QSO. There is plenty of room for several other operating positions. You are welcome to set up your own position or use ours when we switch off to other operators, if need be.

The contest period is from 10:00 AM on Saturday to 10:00 PM on Saturday (12 hours).

Directions to the site:

In the west Phoenix valley go to Loop 101 and exit at Olive. Go west for about 14 miles. You will see a small

"phone booth" looking structure, this is the entrance to the park, usually it is unmanned. If it is manned, tell them that you are with the AZ ScQRPion group in the overflow area.

At this point the road's name changes to "White Tank Mountain Road". Same road, different name. Proceed for 2.5 miles until you see "Willow Canyon Road". Turn left, you can't turn right. There is a small sign that says "Overflow Camping". There is a white metal gate at this point. It should not be locked. If it is closed, there is a bolt that is placed so that the gate doesn't blow open.

Proceed through the overflow campground until you almost reach the end and see another white gate. We will be on the right (north) side of the campground in spots 34, 36, and 38. You should be able to see several antennas. In the small parking area is my camper, a 1988 red and beige Ford Pickup with a bed mounted popup camper.

\*\*\*\*\*  
\* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion # 0 \*  
\* QRP-L #404 - ARCI #3623 \*  
\*\*\*\*\*

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
Subject: [12259] HB a SuperLoop40??  
Message-ID: <199702171436.JAA47413@nss2.CC.Lehigh.EDU>

Hi Gang,

I also had fun in the ARRL Test this weekend. Worked 30 DX stations in a few casual hours of operation. Only got 2 all time new ones though.

But to the item at hand. Last year I built the Paul Carr N4PC Bi-Delta from CQ magazine. This antenna is a delta loop, apex down, ladder line fed, with a 20M 1/4wave shorting stub in the middle of the top horizontal wire. Its OAL is 142 feet not including the stub. It operates as a full wave loop on 40, a bi square on 20, and a dipole on 30. Mine was in the air for only a week over the summer at my cottage. It performed well on 40 and 20 but 30 was awful. I had to replace it because the feed point was only 6' over the badminton (sp?) net. It upset the natives.

I would try one at home but I see that RadioWorks has a similar antenna in their catalog. I would homebrew this in a jiffy if I knew the answers to the following question.

1. The OAL is 120.5', a bit short for a full wave 40M loop. Does the 16' shorting stub ADD to this length? If so, then the OAL is  $120.5 + 2 \times 16' = 152.5'$ . This is a bit long but should tune up fine.

2. On 20M, assuming the shorting stub works, the bi-delta legs are 60' long. This is much too short. I think each leg should be about 72'. Am I missing something here?

3. What does the shorting stub do on 30M, ? The top leg is 56'. If the shorting stub has no effect then the antenna operates like a longish dipole?

4. What IS the Dedicated Matching Unit at the feedpoint of the SuperLoop40? Would it not be best to feed this antenna with ladder line?

I would simply add some wire and the shorting stub to my 30M delta loop today if I thought that this HB superloop would "fly". What do you think? Does anyone out there own one of these? If I put got one of these to work well I could convert my XBeam to 15M and be a really happy camper!

72, Mark N2VPK  
Member of the Buffalo QRP Connection

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Charles L. Stackhouse" <cstack@cyberhighway.net>  
Subject: [12239] Help with high speed cw  
Message-ID: <199702170400.VAA10962@smtp.cyberhighway.net>

Greetings from Idaho,

I used this weekend's ARRL DX contest as a chance to improve my code speed. I am just about ready to take my 20wpm test. I worked up to about 32-35 wpm contest exchanges (that is what my CMOS II keyer said it was set on) and noticed improvement in my copying ability after a few dozen QSO's. Then I heard a station (?VP2EV) really ripping along. It took literally dozens of times before I copied his call and worked him ( I confess that I wasn't running QRP). Any hints on how to copy a call in a contest when it is just too fast? How about tricks with a tape recorder or whatever? Or should you give up after a dozen or so tries?

73, Charlie

WA2IPZ qrp-l 362

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: wylde@nccn.net (Grover, K7TP)  
Subject: [12235] Hey! This just became much more fun.  
Message-ID: <v02130501af2cde710fbc@[205.139.74.209]>

Normally I don't like to rave about discoveries, especially when I can't take credit for the concepts, but here is a "yahoo" kind of discovery on my part.

I hopped into the DX test yesterday not noticing that the gihugeous five watts was turned down to two watts. So I said "what the hey" and did a Chuck Adams by turning the power down to 900mW. And wha'd'ya know - dx! Not one but several contacts in a few minutes. This was really fun. I was amazed that I was heard amongst the mayhem so I have to credit these stations with having either very good ears or lots of resolve, or both.

Try it, it works.

.073

Grover  
K7TP

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: ERSchley@aol.com  
Subject: [12242] INFO REPEAT  
Message-ID: <970216232530\_883395664@emout14.mail.aol.com>

Hey gang;

Some time ago, directions on how to access the lehigh server's callbook and receive the computed distance between two stations was given here. I have a new computer and haven't been able to port over my old files yet, so was wondering if someone might be able to repeat the information to the list. There are probably a lot of new members who would value the information as well.

Thanks, Emory N4LP

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Marshall G. Emm" <mgemm@mtechnologies.com>  
Subject: [12280] Island Memory Keyer Chip Set  
Message-ID: <3308998B.750D@mtechnologies.com>

The chips for the Island Memory Keyer are now available separately, at a

cost of \$8.00 post paid.

If you have access to an extensive selection of parts, you may wish to purchase the pre-programmed Motorola 68HC705J1A microcontroller and 93LC66 16x256 serial EEPROM chips by themselves. The two ICs are supplied with full documentation, allowing you to "roll your own" keyer. Given variations in component tolerances and quality, we probably won't be able to help you if you run into trouble, but if you know what you're doing you'll have a memory keyer for \$8.00.

To order the chips, send a check or money order for \$8.00 to

Milestone Technologies  
3140 S. Peoria St. Unit K-156  
Aurora, CO 80014  
(303) 752-3382  
sales@mtechnologies.com

We WILL take credit card orders by phone, but have to charge another 50 cents to PARTLY defray the transaction fee and discount. And it's a free call to 800-238-8205, or you can order via the web site:  
<http://www.mtechnologies.com/mthome> >electronics and kits.

Add \$1 if you want four of the disposable grounding straps.

73  
Marshall  
AA0XI

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Carol N. Wright" <cnw@HiWAAY.net>  
Subject: [12244] June'96 QRPP VE7CVJ xcvr?  
Message-ID: <Pine.OSF.3.94.970216225733.540A-1000000@fly.HiWAAY.net>

Hey Gang,

I was wandering if anyone has tried to build that transceiver in the June '96 issue of QRPP. It is on page 38-44, the schematics and rig drawing on pages 40 and 41. Are the parts on the schematics uF or pF? For example, it says 470, is that 470 pF or 470 uF? I understand that the 10p variable cap is a 10 pF. So could someone please tell me what each cap is, uF or pF. I am fixing to order some parts and thought that I would get some parts to build the rig. Also, if someone did build the rig, what kind of variable cap did you use on the 10 pF cap? Thanks a lot.



Best 72 DE Matt, AE4JM

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Phil Sikes" <psikes@whidbey.net>  
Subject: [12222] KH6RS  
Message-ID: <199702170114.RAA18182@islander.whidbey.net>

For those of you who worked KH6RS, the op is a friend of mine from Whidbey Island and his name is Hillar Raamat and call sign is N6HR. He is not into QRP but will QSL for if you need a KH6 card. Just make sure you put an SASE in your envelope. Those of us that DX and work the IOTA frequencies from the island spend a small fortune in postage every month.

72 - Phil  
Phil Sikes - KJ7NS  
ARCI #9196 - QRP-L #528  
FISTS #2602 - NW QRP #412

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Jeff M. Gold" <JMG@tntech.edu>  
Subject: [12254] LDG-Incredible service  
Message-ID: <01IFIK8X516A8WWLE3@tntech.edu>

Well I had a really bad experience turn into a really good experience.. thanks do Dwayne at LDG.

I was really looking forward to getting my autotuner going.. never been so careful building.. looks beautiful. Fired it up.. no smoke, but all the relays went haywire. they fired up with or without the 14 pin connector on. All transistors are in correct and I checked them.. even pulled a couple out to test them outside circuit. Pulled out U2 and it did the same thing. it would click for a couple of seconds and then stop. you can push the tune button and it will cycle again. the auto and semi seemed to make a difference.. just had the feeling most things were working. Spent most of sunday tracking down about every wire path, and looking at the bottom and top of the board with a high powered mag. glass.

I emailed LDG.. this is Late Sunday.. think it was within an hour Dwayne got back to me. told me he hadn't heard of this particular problem, and just ship him the chip. Thanks to him, was able to actually leave the rig alone and sit and enjoy a movie.

FANTASTIC SERVICE!!!!

thanks LDG!!!!

73

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: "William R. Colbert" <V31XE@dzdn.com>

Subject: [12230] license fee

Message-ID: <3307CB1A.7B75@dzdn.com>

Regarding your post of receiving the application for license renewal - I got one of those back in November - about the 90 day point before renewal was due. I tossed the short application card that was sent in, took a FCC 610 and sent it in to Gettysburg. Total cost was 32 cents minus the time it took to fill out the application, cost of a xerox copy of my license and an envelope. Any of the recent copies of FCC 610 are now valid (at least from August 1993 - to date). I think they will also take other colours other than buff, but I have not tried that. Remember, the more hands involved, the more chance of a mistake resulting in a delay of re-issuance of your license. I would certainly hate to entrust the renewal application to strangers.

--

Ray Colbert, W5XE, SOWP 1064M, FISTS 2146

(also af852@rgfn.epcc.edu)

El Paso, Texas

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: "Jeff M. Gold" <JMG@tntech.edu>

Subject: [12268] MFJ 20 M SSB/CW/DSP for Sale

Message-ID: <01IFIQBFKUD28WWLE3@tntech.edu>

OK, this is going to be one of those sad moments in my life. I am going to have to sell the following portable set up. This is one of the BEST portable rigs I have ever used. I had one before had to sell it.. then had to get another one and completely set it up. I have worked major contests with this on SSB. The built in processing really gets the signal through. I have had people stop while running contacts at high speed, after I told them I was QRP, and they stopped and talked. The mike that matches seems to do a

better job than the one MFJ provides, I did a side by side for an evening and asked opinions (I had my choice).

MFJ9420 SSB small portable, durable transceiver  
CW adaptor added  
Radio Shack DSP unit included  
Hand mike included.

\$250 shipped US

73  
Jeff, AC4HF

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: SNickrand@aol.com  
Subject: [12121] Microphone question  
Message-ID: <970215221148\_-1475245392@emout08.mail.aol.com>

Got a Shure Desk mike, which has on back of mic cartridge "magnetically coupled inducer". Cartridge has 3 wires from it plus bare wire shield. Any suggestions how to hook it to stereo phone plug for Argosy xcvr? Bill Nickrand

Bill Howell  
University of Texas at Austin  
Performing Arts Center  
Electronic Maintenance  
voice 512.471.1388  
bhowell@mail.utexas.edu  
N5ALO QRP-L #415

everything is sacred  
nothing is serious

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Doyle, Ron" <doyler@UH2297P01.DAYTONOH.ncr.com>  
Subject: [12261] NC38s Power out adjustment?  
Message-ID: <c=US%a=\_%p=NCR%l=DAYTONOH/AOHSDCG1/000003AE@aohsdcg1.daytonoh.ncr.com>

I thought I had read about a way to adjust the power out on the 38s last week. After looking through 1.5 weeks of digests I don't see it.:( Am I dreaming or did someone actually write something on this and I can't find it?

My 38s is putting out 8 watts. While I don't mind higher power it is pretty hard on batteries. I would prefer around 2 watts or even the 4 watts that some are getting. I find that the antenna matching is pretty critical and can really heat up the IRF510. I have managed to keep the smoke in but it has been warm.

Most of the mods are done and working fine. I got confused on the TiCK mod that required cutting the trace at R17(R19?) and C32. I cut the trace between R17 and C32 which looks like it disconnects all sidetones. It did on mine anyway.

I was able to get the tuning to 10.100.5 to 10.123.

I have also not done the RIT mod as it seems to cause some drifting while xmitting. I am very close to putting it a case. There are a couple of things to try yet like adding the mode by Glen, VE3DNL, to quite the receiver, and the power adjust( if that wasn't a dream). The radio has been lots of fun and my family hates it. I have been pretty occupied with it lately. I don't think that was a design consideration. Hmm, ... could it every be?

Oh yes, I also want to try to linearize the tuning based on Glen's mod to the tuning pot. I just noticed that Glen suggested the receiver mod and the tuning mod. Glen has certainly been busy. It looks like the tuning mod should fit right on the pot.

Just as a reminder after you have read this verbose message. The original intent was to find the power adjust mod if there indeed is one.

72 de Ron, N8VAR

Ron Doyle, N8VAR qrp-1# 263  
<Ronald.Doyle@DaytonOH.NCR.COM>  
<n8var@juno.com>

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>  
Subject: [12229] New 38S Filter  
Message-ID: <1.5.4.16.19970217020934.20a71b50@mail49.mci2000.com>

Gang...it had to be too good to be true. There is just a bit

of an "aw sh.." with the filter. Unfortunately, the Tx offset seems to be exactly 800 Hz on the other side of the passband, not where it is supposed to be. I thought I had checked it out, and was sure that everything was ok, but it isn't.

So don't build it yet!! I need to find out what it takes to get the passband flipped over to the other side, so that the nasty problem that I have goes away. I got suspicious when I was working a station, and he gave me a 589, and I was only hearing him 419 or worse. When I checked on the other sideband, he was stronger than my dog's breath!! Nuts!!

Anyway, I'll get to work on the fix and post to the group when I have the solution.

72.... and sorry for any problems this may have caused.  
On the other hand, without problems, there can be no progress!! SM 2/16/1997

Jim.....

|                             |         |                     |
|-----------------------------|---------|---------------------|
| Jim Kortge, K8IQY (ex NU8N) |         | BMHA, NorCal, QRP-L |
| jokortge@tir.com            | __o     | Cascade 17/40 SSB   |
| Fenton, MI                  | _`\<,   | Mizuho 17/40 SSB    |
| ... ..                      | (*)/(*) | . . . . .           |

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [12306] NF3I on 9th floor in Orlando!  
Message-ID: <Pine.3.89.9702171728.K19865-01000000@w3eax.umd.edu>

NF3I/4 on 9th floor - I asked for a high room, and they gave me one with a balcony; the AP-10 only tunes to 4:1 SWR because of all the metal on 20m, (hotel is 17 floors) but I've wkd Jamaica and Illinois already.

30m comes next - will be calling on 10.106 if anyone is interested, assumin the ant tunes.

Even an inefficient antenna is good at 100'.

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 138 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: rheiss@tuba.aix.calpoly.edu (Robert Everitt Heiss)  
Subject: [12241] NON-Iambic paddles... comments / opinions  
Message-ID: <9702170417.AA46827@tuba.aix.calpoly.edu>

Ten-Tec sells a single-lever paddle, model 607. This is advertised as an accessory for the 555 Scout. I have one sitting unused in a dusty box because nobody around here has the skills to make code with this style of paddle. New in original box, inner bag never opened, first \$20 offer can have it via Priority Mail.

73, Rob K06KA

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [12313] Not so intent on 30m...  
Message-ID: <Pine.3.89.9702171856.A20420-01000000@w3eax.umd.edu>

The band's OK but it's tough going.

Pulling the plug on the computer. Will keep flipping arnd da band.

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 138 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: n4so@juno.com (CHARLES K BROWN)  
Subject: [12219] Obsolete replacement parts  
Message-ID: <19970216.184827.4415.2.n4so@juno.com>

obsolete.txt

From: n4so

Subject: Sources of replacement parts

>From ELECTRONIC SERVICING AND TECHNOLOGY magazine FEB. 1997, beginning on page 24 lists 7 pages of firms which handle either obsolete lines, or create/design and manufacture replacements for obsolete components. The list includes Motorola, ECG, NTE. Here is a

sample listing:

NTE -New Tone Electronics

44 Farrand St,

Bloomfield, N.J. 07003

201-748-5089/212-732-1326/1 800 631-1250

(Cross references are available on computer disk)

\*\*\*

Motorola Semiconductor Products

3102 N. 56th St.

Phoenix, AZ 85018

Technical Resources Hotline: 1 800 521 6274

\*\*\*

Ken Brown, N4SO

QTH Near Mobile, AL

QRP-L #622

n4so@juno.com

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: Jeff Grudin <grudin@pacific.vdbs.com>

Subject: [12295] Oh ye of little faith.

Message-ID: <3308C6C9.6CE5@vdbs.com>

Well, I am going to be on the road for FYBO so I have put in some time this week getting my mobile station together. Mounted the screw driver vertical on the truck on a nifty mount. Built a box that would house my DX70 and tuner and paddles strapped to the front seat. It is in a usable position so I can try CW on the move. Even put in an alarm system so I won't feel as bad when somebody breaks in and takes my rig. Hi Hi

Just in time for this weekend's CW dx contest. Well, then my xyl tells me we are going camping this weekend. Well I can turn up the power on my DX70 for the contest. After all how much DX can I do with 5 W to a screwdriver vertical?

Well I keyed it up and the curtis keyer went nuts (I guess I need to do some bypassing). Oh no I guess I won't be having much fun this weekend. Cut the power down to 5W and the keyer was fine. Will any one hear me.

The first try was a PJ9. I was driving down the freeway at 60 MPH towing our trailer trying to listen above the din of the kids, when I heard AC6KW 599 KW. I wasn't even ready for a reply as I had no faith that he would even hear me. "599 ca tu.." TU.. Wow!

Well as the day went on I worked 22 JA's, VE, XE, AL7, AH6, RX0, OH, P40, and a V31. Most were running 500W to a KW. Hard to believe they

could hear my puny signal into a puny antenna. Well I was impressed.  
Left it on 5W for the rest of the weekend.

I was also impressed that you can work CW and drive. It is not too  
distracting except when you take your hands off the wheel and do your  
little "Ooh boy" dance in the front seat.

I just have one question. Since I will be driving for the FYBO. Can I  
run the Air conditioner for extra points?

72 de Jeff AC6KW  
grudin@vdbbs.com

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: KR4GL@aol.com  
Subject: [12221] Oh, no! Those LEO guys are at it again!  
Message-ID: <970216200248\_-1877019989@emout18.mail.aol.com>

Just went to the ARRL web page to check on som evanity call stuff and saw  
that the LEO people have not given up. On th econtrary, they have added  
219-225 MHz (or so) to their "wish list" for consideration at a March WRC-97  
working group meeting.

ARRL says help out again. This time they want it all. There goes the VHF  
ham bands unless we get the power brokers in DC to kill this cockroach before  
it gets into the refrigerator again.

An idea. e-Mail to the usual suspects, but this time write Vice Pres. Al  
Gore and Pres. Bill Clinton. Tell them that the VHF ham bands are used today  
by untold numbers of SCHOOLS in this country to provide direct experience for  
students in middle schools in orbital mechanics, digital communications and  
satellite networking --- all critical skills for Americans to have as the  
recently auctioned spectrum is "built-out" to provide the next century  
wireless technologies. Tell them that school use of the VHF ham bands as  
teaching tools can be SPOTLIGHTED as a successful part of their "Centerpiece  
Education" program, a part that is already in use, benefiting potentially  
millions of kids. This is all threatened by the planned grab by the LEO  
industry. LEO's don't need these bands, other bands are in use, and other  
technology provides the same services in the newly auctioned spectrum. And  
they wouldn't want to de-value the new spectrum by causing a glut --- a glut  
that would jeopardize the anticipated revenue from future auctions.

We've got to get more that just US up in arms about this.

Next, go out and flood the FCC with applications for a club station license  
for every middle school anywhere near your club or QRP organization. They're



free of charge, they indicate use of the bands, and they can spark hams coming together to get students into space com, QRP, antennas, etc.

I hope no flame suit is appropriate for this tirade. Just let's get moving!

72 de KR4GL  
John Foote

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: k4wz@juno.com (RON L TODD)  
Subject: [12281] OMNI VI SOLD  
Message-ID: <19970217.184914.4615.0.k4wz@juno.com>

THE OMNI VI IS SOLD

HAVE THE AUTO ANT TUNER FOR 750

RON TODD K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET  
FISTS #2109, ARCI # 9273, QRP-L # 924

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [12227] QRP Power supply question  
Message-ID: <3308b5c1.114597229@smtp.usit.net>

I am still waiting for my 38special to arrive, and have lots of time to dream up what I'd like to do with it :).

1st question: I understand the rig operates on 8V, but will use a 9V source just fine. What about a 7.2V source? RS has racing car batts (NiCads) with 700-1700mAH ratings, complete with connectors.

2nd Question: Given a 9V source will work well on the radio, is there a way to install a 9V battery (nicad) inside the radio and still have the option to use an ext 9V (or 12V?) source? Ideally, the rig would use an external supply where available, while charging the internal 9V nicad to use as a backup. I'd be interested in circuits/boards etc. that are available for this. I have no idea what I'm talking about (electrically speaking) -- what are the requirements of a 9V charger? min Voltage? does the amperage need regulation?

I'm not sure of the benefit, other than not having to open the case to change power sources (I'm also lazy ...)

I found some 2-prong connectors at Radio Shack, that will only work one way (one prong larger than the other prong), so I'm contemplating just leaving the receptacle hanging out the back of the box, and having a couple different sizes of alligator clips, and a 9V connector, to use. But it would be nice to just carry the box and antenna ...

72 es 73 de=20  
Marty, KM7W (x-KN4BH)

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
ARRL VE - QRP ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid Sq EM55oq  
-----

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Stan Skelton <sskelton@cln.etc.bc.ca>  
Subject: [12276] QRP-L 3 questions about the 49'er  
Message-ID: <Pine.SUN.3.95.970217095058.22249D-100000@cln>

I am looking for a good project rig for new members of our club.

Question #1) Is there a source for circuit boards still available?

Question #2) Is there info on converting it to 80 meters?

Question #3) There appears to be a conflict on the ID of one transistor between the circuit on the NorCal web page circuit diagram and the one shown in the latest issue of the CQ mag. (I assume the CQ mag is wrong, but I don't have either with me at work here so I can't quote the number (it's the one in the bottom left corner of the diagram)

tnx for any help

Stan VE7SKT, qrp-l #34, OHR Sprint 80

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "STEVEN V. SELLMEYER" <ss94239@navix.net>  
Subject: [12265] QRPp Dec Issue

Message-ID: <3308B020.E8D@navix.net>

Hey Gang!

Just e-mailed Jim Cates that I received two issues of Dec '96 QRPP a couple days apart. May have been a mix up since I just joined a couple months ago. Anyway, as I told Jim, I'll mail it on to someone who thinks snail mail has lost theirs. No problem....I'll pay the postage! Guess it will have to be on a first reply basis. Sorry! E-mail me your mailing address.

Envelope ready to seal and address.....postage ready to lick.....flame suit on if more than one needed the copy. How to be fair??

72's

Steve.....WB0QQT

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: JFelts4572@aol.com  
Subject: [12307] RS Scope Probe  
Message-ID: <970217180647\_244267189@emout12.mail.aol.com>

Has anybody tried the RS scope probe that is suppose to convert your computer to a "0" scope? If so does it really work, and is it worth it?

Jerry -- NR5A -- Box Elder,SD

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Steve/N0TU <N0TU@webaccess.net>  
Subject: [12264] SLV & Foil tape??  
Message-ID: <330877A9.7750@webaccess.net>

SLVers...Anyone tried using self adheisve PCB copper foil to wind a heilical coil on the base of the vert??..Would this improve the Q??...also anyone tried using the same foil tape to cover the rod so that it is conductive instead of runnig a wire up the outside??? What's Cabilas Sports ph# again??? stuck here at work today :( ! and just dreaming about next adventure w/qrp! FYBO in 5 DAYS!!! I'm going to try a full size 40m loop hung vertically depending on the trees available...see ya .....Steve

Cheers Steve

-----  
portable/solar powered QRP  
49er/HW8/ExplorerII/Zepp in attic @ CO SPGS,CO

QRP-L # 911  
ARS# 206

HTTP://www.webaccess.net/~S&P

Steve-N0TU

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: rheiss@tuba.aix.calpoly.edu (Robert Everitt Heiss)  
Subject: [12269] Ten-Tec NON-Iambic Paddles ... SOLD  
Message-ID: <9702171655.AA44118@tuba.aix.calpoly.edu>

The Ten-Tec 607 paddle that I offered for sale is now spoken for. Thanks for all the interest.

73, Rob K06KA

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Arjen Raateland, SYKE/YV, puh. 09 4030 0457" <Arjen.Raateland@vyh.fi>  
Subject: [12304] tn timer KI6DS email address and Sierra driver transformer  
Message-ID: <01IFJJRNJQ8K8Y6MGO@vyh21.vyh.fi>

Gang,

I've had a lot of replies with Doug's correct email address. I tried it and the message didn't bounce. Thanks all.

While I have always received QRPp before the US subscribers even started wondering when it would arrive (1st class mail for DX subscr.), this time it looks like I'm not going to be able to decipher all those stories about thumping NC38s' with the actual schematic in hand, hi.

I wonder if other subscribers in Europe have received their QRPp yet.

Yesterday I wrote that I had reversed the winding sense of the secondary of the transformer between driver and PA of my Sierra. Somebody may have read it and gotten the (wrong) idea.

I thought the transformer was wound the wrong way and rewound it. Today I had a chance to look at the wave forms on each side of the transformer with a 'scope. They looked very much like the picture in the QRP data book (fig. 4-7), but phasing of the new transformer was clearly wrong. So I had really figured the winding sense all wrong and the original transformer was OK (except I had the wrong number of turns).

I find it quite tricky to try and figure out the phasing of a toroid transformer.

To figure out how the windings on a toroid are phased I think it may be helpful - in one's mind and in a drawing - to first cut the toroid open between the ends of the windings, bend it straight and look at the turns from either end. Both windings are drawn in a plane like a spiral. Start drawing each winding close to the center and move outwards. Both windings should be drawn clockwise. As the start of a winding pick the end which starts clockwise on the core - looking at it from the end - , whether the turns actually come towards you or not - it makes no difference. Mark the drawing so that you know which end connects where in the circuit. No need to draw the actual number of turns.

>From this kind of picture one can decide the phasing of the turns w/o getting mixed up like when looking at a live toroid.

The wrong drive phasing was also evident from readings on the power meter connected to a real antenna through a parallel LC circuit type tuner. I couldn't get the reflected power as low as it was before I changed the transformer. The wrong drive phasing created extra harmonic output power which is not matched to the load and showed up as a high residual amount of reflected power (ca. 20 mW vs. 1 mW at 3 W O/P).

Fortunately toroid winding is a cheap thrill.

73, OH2ZAZ

Arjen Raateland

--... ..- -.. . --- .... ..--- ---.. ..- ---..

Finnish Environment Institute, Helsinki, Finland

SAS Support

EMAIL: Arjen.Raateland@vyh.fi

tel. +358 9 4030 0457

fax +358 9 4030 0490

..-.. -.-

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: QLF%[mimi@magic.itg.ti.com](mailto:mimi@magic.itg.ti.com)

Subject: [12252] TWO-WATT DX ON 40-METERS

Message-ID: <9702171349.AA00222@itg.ti.com>

From: Brad Bradfield QLF

Subj: TWO-WATT DX ON 40-METERS

Good morning QRP folks - -

Not being a DX'er, I totally forgot about the DX contest this weekend. Well, late Saturday night, after watching all the MASH re-runs on the tube and still not being tired, I went into the shack to see if anything was happening on 40-meters. Found a pile up just above 7040, and that's when I recalled the contest. Anyway, spent a bit of time listening around, and with little effort worked PY0FF at 0625Z, XE2L at 0631, and 6Y4A at 0724, with another QSO stuffed in there too. Tried for fifteen minutes to work Lee, KH6BZF (KH6\_Blooming\_Zipper\_Flipper if you've ever worked him on phone in a contest,) but he simply didn't hear me. He was doing a lot of CQ'ing with little success though. Let's see, that makes four countries worked on the Sierra on 40-meters.

I'm going to be in Winter Park, CO in March on a ski trip and plan on taking the Sierra along. Need to get the 80-meter module built before then. Actually need to get all the other modules built too. Been slowly working on the NC38S lately. Got all the board mounted parts installed now, including the toroids. Gotta work on the off board parts now. Maybe I'll take it to Colorado too although won't get much (if any) daytime operating done.

72's es 73's,

Brad, WB0CGH

```
*****
Brad Bradfield, PE                      Electrical Design Engineer
(H) 817-321-2960                        Texas Instruments, Inc.
(W) 972-462-6230                        (Soon to be: Raytheon/TI Systems)
                                         Real men talk with their fingers!

QLF@MSG.TI.COM
WB0CGH@W05H.#DFW.TX.USA.NA
ARRL Life Member    QRP-L #377    SMIRK #4906    IEEE(M)    ARS #72
Collector of wireless and landline Morse keys and accessories.
*****
```

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>  
Subject: [12303] USA QSL Buro address?  
Message-ID: <17FEB97.19129886.0348.MUSIC@MARISTB.MARIST.EDU>

Can anyone give me the address of the USA QSL Buro in NH(?) ?  
Tnx  
Fr Bowes

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Bill Todd <bill@techline.com>  
Subject: [12236] WA FSFD N7MFB's Report  
Message-ID: <1.5.4.32.19970217032634.00675088@mail.techline.com>

Hello all -

Well, it's always great to operate QRP, even if QRN, massive contesters, and poor conditions get in the way just a tad (hi).

40 Meters

On 40 meters this morning from 16:00 UTC to 1700 UTC on 7.112 I only worked three stations; W6EMD? Dave in CA, KB7LOH Tommy in AZ and a QRO stn WF6W Bill in CA.

I had this very loud noise "source" from 7.106 all the way to 7.112. It wasn't standard QRN, but sounded something like a transmitted QRN-type signal, which made for very poor copy on my end.

20 Meter RTTY

On 14086 this afternoon, I called CQ for about 30 minutes before I had my first reply...and it was in CW, not RTTY.

(1) K4S0 was copying me on some kind of TNC, and then transmitting to me in CW. I didn't know he could copy RTTY, so I came back to him in CW on the wrong frequency (hi). We never DID connect. Thanks for trying!

(2) At 20:50 I had a chat with KK50Q in MS (never got your name ol chap)

(3) About 21:11 UTC I talked with WA2SSV, Cliff on RTTY from VA.

Between that QSO and the next one, I was "chased of" 14086 by a group of DX contesters who were hunting someone or the other. So, I QSYed up to 14089 and put out a note on the QRP-L that I had moved.

(4) At 21:18 I had a long chat with W8HVX Bill in Hamburg, MI. I don't know if he was a QRPer or not.

(5) 21:30 found me talking with VE3VAW/QRP Brian in Toronto. Brian saw the listing on QRP-L and found me. We talked about QRP vs QRO RTTY, and his experience last weekend with the first NW QRP Club Digital contest. Brian had a pretty good signal with his new Yagi and tower. Thanks Brian!

(6) My last contact came with VE3JPW Carlo, also in Toronto, Canada. He had a pretty good signal too, thanks to HIS yagi.

The last contact wasn't really part of FSFD...it was just a nice chat with Greg in Kaneohe, HI (KH6/WB6FZH).

If we do this again, I'd be happy to do RTTY again, but I hope to have a decent Yagi of my own up in the air\*

\* Note: Wishful thinking on my part (hi).

CUL, Bill-N7MFB

When I came t was

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Steve/N0TU <N0TU@webaccess.net>  
Subject: [12282] Which XCVR is Lightest/Least RX ma drain ?  
Message-ID: <33089685.175C@webaccess.net>

Can anyone tell me off the top your head...don't go digging for this one...What 40m xcvr has the least rx/current drain and is the lightest weight? ...Oh, it needs to have some basic features like RIT/offset/sidetone preferably audio or crystal filtering...I'm looking for the lightest weight trail radio that's easy on batteries! My 49er is fun but doesn't compare to my Explorer for true features. Any recommendations/opinions welcomed!!!!??? Steve

-----  
Just having FUN w/QRP adventures..... QRP-L # 911  
49er/HW8/ExplorerII/Zepp in attic @ C0 SPGS,C0 ARS# 206  
HTTP://www.webaccess.net/~S&P Steve-N0TU

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: "CHRIS KB5VYB" <guardianone@mvtel.net>  
Subject: [12312] WIN95 log, CW software found  
Message-ID: <9702172338.AA03703@host.ot.centuryinter.net>

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_01BC1CF9.570DFC20  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Group

While surfing a few minutes ago i think i may have found some great WIN95 compatible software.. it's at  
<http://franklin.ptgi.com>  
it is FREEWARE it also supports CW key board via interface and will import CT logs AND A WHOLE LOT MORE CHECK I T OUT.....

72 73 Chris KB5VYB QRP-L # 853 AK/QRP #38 AR/QRP #32 NC38S# 540

-----=\_NextPart\_000\_01BC1CF9.570DFC20  
Content-Type: text/html; charset=ISO-8859-1



Content-Transfer-Encoding: quoted-printable

```
<html><head></head><BODY bgcolor=3D"#FFFFFF"><p><font size=3D4 =
color=3D"#000000" face=3D"Lucida Sans Unicode"><i>Group<br> &nbsp;While =
surfing a few minutes ago &nbsp;i think i may have found &nbsp;some =
great WIN95 compatible software.. &nbsp;it's at =
&nbsp;<br>http://franklin.ptgi.com &nbsp;<br>it is FREEWARE it also =
supports CW key board via interface and will import CT logs &nbsp;AND A =
WHOLE LOT MORE &nbsp;CHECK I T OUT.....<br>72 73 Chris KB5VYB QRP-L # =
853 &nbsp;&nbsp;AK/QRP #38 &nbsp;&nbsp;AR/QRP #32 &nbsp;NC38S# 540</p>
</font></body></html>
-----=_NextPart_000_01BC1CF9.570DFC20--
```

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: mike wood <K6MW@server.worldinfonet.com>  
Subject: [12246] Worked all states QSL's??  
Message-ID: <3307F8ED.307F@server.worldinfonet.com>

I am in the process of sorting QSL's to submit to ARRL for WAS.

Was wondering if the cards I submit have to have my call/QRP from the  
other op to count for WAS or can I submit cards that I know were QRP but  
not designated /QRP from the responding operator.

Anybody had experience with this?

73, mike

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997  
From: Roger Hightower <n7kt@dancris.com>  
Subject: [12233] Re: "Two-Way CW" & FSFD  
Message-ID: <3307C796.36A3@dancris.com>

Here's another pitch for making your own cards. I use Microsoft  
Publisher, and after the initial run of "standard" cards, printed some  
that say "2X QRP" in large red letters.

Once you have the initial template made, it's easy to modify it for any  
occasion.

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj  
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,  
HW-9



place them side by each until its all done.

It's inexpensive and quick, and the cards can be custom-designed for any event or contest.

So far, nearly 500 cards in full color, and still on the first ream of card stock and the first print cartridge.

--

72/73 de Roger N7KT        Mesa, AZ     Grid DM43cj  
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,  
HW-9  
NorCal 1099    CoQRP 176   QRP-L 62    G-QRP 9081   ARCI 8946   NE-QRP 383

From owner-qrp-l@Lehigh.EDU   Mon Feb 17 18:04:45 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [12226] Re: 38S 22.1184MHz XTAL  
Message-ID: <3307b39d.114049840@smtp.usit.net>

On Wed, 12 Feb 97 14:27:04 CDT, "David Kreinberg"  
<kreinbd@ccgate.dl.nec.com> wrote:

>     =20  
>     Gang:  
>     =20  
>     It's been suggested that I look at the 22.1184MHz  
>     xtal as the cause of my 38S tuning whoas.  
>     =20  
>     Should I get the one marked "series" or the one  
>     marked "20pF" under the load capacitance column  
>     in the Mouser catalog.  
Did this question ever get answered? I never saw it ...

As a reminder, hitting the "reply" button on most software packages will not send the message to the list. A copy, or a summary from the questioner of the e-mail replies received, would be helpful, particularly for those of us who have the same questions ... probably 10 to 1!

Thanks for the cooperation ...

In the same vein:

Much has been made of the use of e-mail as a spotting tool. I'm not sure it's that valuable, particularly for those of us who download mail once or twice a day. And, if you are staying online to get mail, wouldn't IRC (Internet Relay Chat) be more effective as an

immediate communications method for spotting? You could establish a channel on DALnet or UnderNet with the title of #qrp-l, and log on using your callsign as a "nick" (short for nickname) when you are operating. Would work well as a HUGE "Cluster" type wide area network. Periodic summaries via e-mail of "currently actives" might be useful, but 6-8 hour old information rarely is. Summaries can be captured to a file from the chat screens, and sent via a daily (0000Z) DX update ...

Just a suggestion ... I have no desire to diminish the cooperative efforts here -- far from it! I'd like to see it be more effective, if anything. There is plenty of IRC software out there, but users of Juno and e-mail only ISPs would be out of the game on IRC. mIRC and ViRC seem to be available widely for Win 3.1 and Win 95, check the local TUCOWS or Stroud's Ultimate Winsock App list for details.

72 es 73 de=20  
Marty, KM7W (x-KN4BH)

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
ARRL VE - QRP ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid Sq EM55oq  
~~~~~

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Steve Miller <kg7pv@teleport.com>
Subject: [12285] re: 38S thump mod
Message-ID: <1.5.4.32.19970217190442.00674b84@mail.teleport.com>

I forgot to show the arrangement of the diodes across pins 1 and 2 of the NE 5532. Here is a crude attempt. Be sure to connect directly to pins one and two for best results. 73

```

|-----|>-----|
|-----<|-----|
1              2      diodes are 1n914
```

Steve Miller KG7PV Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "\"W. Kimura\"." <W.Kimura@valley.net>
Subject: [12215] Re: another theory to ponder: (HI)
Message-ID: <199702162359.SAA23287@norwich.valley.net>

At 01:40 AM 2/15/97 -0700, you wrote:

>Just when you think you got it all figured out, something like the
>following shows up- makes you wonder. You can kinda make a connection
>between this and the SMOKE* theory ;-)
>*smoke makes electrical stuff work- when you let it (smoke) out- that
>part/unit doesn't work anymore.....
>HI , 73 de Phil K6LS

>

>

> The Dark Sucker Theory
> For years, it has been believed that electric bulbs emit light, but
>recent information has proved otherwise. Electric bulbs don't emit
>light; they suck dark. Thus, we call these bulbs Dark Suckers. The Dark
>Sucker Theory and the existence of dark suckers prove that dark has mass
>and is heavier than light.

My esteemed colleagues, allow me to present Kim's first corollary of smoke and light.

That similar to electronic failure caused by allowing smoke to escape from an operating circuit, breaking an operating dark sucker (a.k.a. light bulb) will allow the previously sucked and stored dark to escape and cover the light rather quickly.

I look forward to peer review and validation of this exciting and illuminating phenomenon.

Kim Kimura, N1MVU

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "Bob Follett" <bfollett@ditell.com>
Subject: [12275] RE: BNC and 239 Chassis Mount - Substitution?
Message-ID: <199702171744.KAA25947@mars.ditell.com>

Gang:

Ed Welsh and others wrote:

<<-> Sure wish they had used BNC chassis connectors for the Antenna and
-> Transmitter jacks on the Ten-Tec enclosure. Isn't that considered the
-> "standard" now by all QRPers? ;-)

I know what you mean. I recently put together my WM-2 Watt Meter and
the connections on it were also UHF 239's. I'd rather have the BNC
connectors.>>

My Question: Is there a BNC chassis mount on the market that would fit in the
S0239 hole that, unfortunately, comes pre-punched in many of our kit projects?
If so, I'd sure buy a bunch....

73, Bob

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: kd1jv@juno.com (Steven Weber)
Subject: [12286] Re: BNC and 239 Chassis Mount - Substitution?
Message-ID: <19970217.142229.4863.2.KD1JV@juno.com>

>My Question: Is there a BNC chassis mount on the market that would
>fit in the S0239 hole that, unfortunately, comes pre-punched in many of
our kit
>projects? If so, I'd sure buy a bunch....

The S0239 to BNC adaptor is a good way to go and I have many of those.
But you could always cut a square of copper clad board and mount that over the
S0239 hole and put a BNC jack in the center of that. Done that a
few times also.

de KD1JV, Steve

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: jerryh@webzone.net (Jerry Henshaw)
Subject: [12302] RE: December QRPp - Lost in Space??
Message-ID: <01BC1CED.B64F2BC0@pm1.ppp8.webzone.net>

Hi Tony,

I still haven't received my QRPP yet so I guess there is still hope for you. Has anyone else in Oklahoma received theirs?

73's

Jerry Henshaw
KR5L / QRP
jerryh@webzone.net

ARCI 9165, QRP-L 847, NORCAL 1999
49er, ARK 20, Wilderness Sierra, 38 Special

From: Tony Fishpool[SMTP:101573.3220@compuserve.com]
Sent: Monday, February 17, 1997 3:43 PM
Subject: December QRPP - Lost in Space??

Greetings all,
It would appear from the responses I received to my enquiry on the UK reflector that no one (on the list) over here got the December QRPP (or is not owning up to it). So would some kind soul or souls consider photocopying it for us Brits. Once I have a copy I could arrange to distribute it to other U.K. members via GQRP-L.
I have a few green stamps left over from last years Dayton so I could re-imburse expenses.

I don't think Doug would object to this, but I am willing to stand corrected.

The same is true of QRP Quarterly, but that comes surface mail (rather than by air) and so could still be in the post and may arrive any month now.

OB 38-Special chatter. I worked into (near) Brno in the Czech republic yesterday with the "barefoot" NC38. With the aid of my World Atlas CD it worked out to around 2400 miles per watt. Not a record I know, but I am well pleased with the performance. So pleased, I then put it in a box, and guess what, it still works!

Sometimes you have to stand back and marvel at how such a tiny signal can go all those hundreds of miles.

Kind Regards

Tony - G4WIF

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: DYARNES@aol.com
Subject: [12293] Re: Doug Hendricks email address
Message-ID: <970217134156_-1675785698@emout08.mail.aol.com>

In a message dated 97-02-16 13:25:06 EST, ccashion@spdmail.spd.dsccc.com
(Charles Cashion) writes:

<< From: Doug Hendricks <ki6ds@dpol.k12.ca.us> >>

I've had trouble with the above address for Doug. Not sure why. Maybe some interface problem with some of the other providers. I think the other one "@telis.org" is generally O.K. I had dinner last night with Doug here in Tucson, but forgot to ask him about this problem. We were so involved talking about all the upcoming projects, conventions, special events, hamfests, etc. Gads, I'm gonna have to quit my job 'cuz there just isn't enough time to do all these things and work too!

72 de David W7AQK

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [12294] Re: Dumb Dummy Qestion
Message-ID: <Pine.SOL.3.91.970217154132.5350C-100000@hyper>

On Mon, 17 Feb 1997, Marty Watt wrote:

> I found two each 50 Ohm and 100 Ohm 10W power resistors at Radio
> Shack. One measured 48.9 on the DMM. The 100 Ohms I put in
> parallel to get 50 Ohms, measured at 49.0 Ohms.
>

> How much difference is 1 Ohm going to make as to SWR? I looked in
none...

But first, check to see if they're wire wound or carbon. If they're wire wound (likely), they're useless!

Bob Patten, N4BP
Plantation, FL

n4bp@shadow.net

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: rflight@vnet.IBM.COM
Subject: [12278] Re: Help With High Speed CW
Message-ID: <199702171822.NAA149094@nss2.CC.Lehigh.EDU>

Charlie;

You're doing it perfect... Don't look for tricks. Persistence and practice is what helps you improve. You won't appear in the winners circle for the first few contests, but as you continue to participate, you will find yourself inching closer. You're using the formula that sets the winners apart from those of us who quit too soon.

With each contest, you will discover the task becomes easier... because it is... because you are gaining skill... because you are doing the work... because you are being persistent... because you don't quit when it gets a bit overwhelming... because you got the right stuff...

I discovered a group of folks that meet most every evening between 7:30 and 9 PM EST between 3520 and 3530 KHz that blitz along at between 28 - 35 words per minute full break-in. They all seem to have good fists, and make few errors which translates to easy copy (easier than one who makes many errors). I find this bunch easier (meaning more enjoyable) to copy than info bulletins. Something about eavesdropping that is intriguing I suppose :-). Actually... Once you start to follow the conversation exchange... you can anticipate with some accuracy which helps to build your confidence as well as your speed. I tune them in and let them ramble on in the background. I don't really try to copy them as I usually have other activities that demand my attention, but I find that I start to follow threads of their conversation from time to time. It is a fun drill to help sharpen your CW skills.

Ur doin' great my friend... Keep it up and you'll be in the big league sooner than you think.

72/73 de N3GO

Gary, Raleigh, NC

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Dave Sjolin <sjolin@swbell.net>
Subject: [12284] Re: Help with high speed cw

Message-ID: <33080172.661F@swbell.net>

Charles L. Stackhouse wrote:

>

> Any hints on how to copy a call in a contest when it
> is just too fast? How about tricks with a tape recorder or whatever? Or
> should you give up after a dozen or so tries?

Charlie, if you have a multi-mode controller (fancy tnc) set it to cw
and hope the guys spacing is precise.

Other suggestion is to try for prefix and suffix separately. And write
down what you can.

Familiarity with callsigns being used can be helpful. Participate in
enough contests and you start to recognize some of the speedsters.

While still learning, check out the dx bulletins online that tell you
who is going where to operate during the contest and what calls they are
using. Also if you have access to dx packet cluster (local or Internet)
do a "SH/DX vp2" to give a listing of stations reported during last
couple of hours. Station you are trying to copy is probably listed
there.

The big question is do you work the station before you know who it is.
Some will suggest doing this and then listening to determine who it is.
However, nothing worse than working someone in massive pileup and never
finding out who it was. This has happened to me more times than I care
to admit.

73 de Dave, N0IT

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: Randy L Phelps <rlp2pr@perry.stark.k12.oh.us>

Subject: [12310] Re: Help with high speed cw

Message-ID: <Pine.LNX.3.91.970217180459.9750B-100000@perry.stark.k12.oh.us>

On Sun, 16 Feb 1997, Charles L. Stackhouse wrote:

> Greetings from Idaho,

> I used this weekend's ARRL DX contest as a chance to improve my code
> speed. I am just about ready to take my 20wpm test. I worked up to about
> 32-35 wpm contest exchanges (that is what my CMOS II keyer said it was set

> on) and noticed improvement in my copying ability after a few dozen QSO's.
> Then I heard a station (?VP2EV) really ripping along. It took literally
> dozens of times before I copied his call and worked him (I confess that I
> wasn't running QRP). Any hints on how to copy a call in a contest when it
> is just too fast? How about tricks with a tape recorder or whatever? Or
> should you give up after a dozen or so tries? 73, Charlie
> WA2IPZ qrp-l 362
>

This is where I add my 2 cents worth! Along the lines of VP2EV ripping along, I too worked this guy. Believe me, he had to have smoke coming off of his fingers!! But what I noticed was, he wasn't making a tremendous amount of Q's. The name of the game in a contest is SCORE!! To achieve that score, you must make a massive amount of Q's!! When an operators sending speed exceeds the level of the average ham, he sacrifices alot of Q's that could be in the log. I suppose the average contesteer sends somewhere between 25 to 35 wpm. If you listen to these ops, they are making alot of Q's, WITHOUT alot of repeats! When an operator exceeds that speed of the average op, he puts himself into a different catagory. That is a catagory where only the really mega-high-speed ops can work him comfortably. The others have to sit back and just try to copy his call! I must believe there are tons of average ops, compared to the few mega-ops! Please don't misunderstand me. I have nothing against high speed ops. I just feel, if a high speed op wants to make the most CW Q's in a contest, he needs to turn the speed down a bit! As proof of this, we had a VERY good CW op join us for field day. He was very capable of sending and copying high speed CW. The only problem was that those trying to work us, were having trouble. We were having to give too many repeats of info. So, we told this op to turn his speed down (much to his reluctance) and the Q's started to flow into the log! I will be anxious to see VP2EV's final score. It may be impressive, but I am positive it could be a trophy winner if he turned down the heat a bit!!

73,

Randy - KD8JN

P.S. If you must flame, please flame directly to me so as not to clutter up the reflector! TNX!! :-)

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>

Subject: [12256] Re: Idaho
Message-ID: <199702171418.IAA24270@vob005.spd.dsccc.com>

"Charles L. Stackhouse" <cstack@cyberhighway.net> (cs>)
cs>
cs> Greetings from Idaho,
cs>
cs> It took literally dozens of times before I copied his call
cs>

I should think after half a dozen, he would slow down.
Charles
W5ISZ

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Jim Eshleman <lujce@hooch.cc.Lehigh.EDU>
Subject: [12258] Re: INFO REPEAT
Message-ID: <97Feb17.093627-0500_est.10422-15356+25@hooch.cc.Lehigh.EDU>

> Some time ago, directions on how to access the lehigh server's callbook
> and receive the computed distance between two stations was given here. I have
> a new computer and haven't been able to port over my old files yet, so was
> wondering if someone might be able to repeat the information to the list.
> There are probably a lot of new members who would value the information as
> well.

Emory,

Send a command such as the following, in the body of an e-mail,
to listserv@Lehigh.EDU:

RUN QRP-L X CALLS2DIST N4LP N3VXI

BTW this information is in the "welcome" message that you get when
you subscribe to QRP-L. If you need another copy:

GET QRP-L WELCOME.TXT

73
Jim N3VXI

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>
Subject: [12217] Re: Jamaica, not China: A Freudian Analysis
Message-ID: <Pine.A41.3.95q.970216165953.53334A-100000@hector.NMSU.Edu>

Jeff:

I also worked him but remembered your earlier caution. In fact, he was sending 'BY4A' but I knew he was '6Y4A'. Fun anyway!

Tim K50I (ex AB50U)

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "John Shuster" <jshuster@ix.netcom.com>
Subject: [12224] Re: Jamaica, not China: A Freudian Analysis
Message-ID: <199702170140.TAA26907@dfw-ix6.ix.netcom.com>

The Jamaican got me too. I can usually distinguish between a B and a 6, although he was going really fast. One of my elmers who is very good at CW also heard a "B", but was aware of the Jamaican because of his DX bulletin.

John

++++++
Father John Shuster, Married Roman Catholic Priest jshuster@ix.netcom.com
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
K7MP ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++++

> From: T. PETTIBONE <tpettibo@NMSU.Edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: Jamaica, not China: A Freudian Analysis
> Date: Sunday, February 16, 1997 4:01 PM
>
> Jeff:
>
> I also worked him but remembered your earlier caution. In fact, he was
> sending 'BY4A' but I knew he was '6Y4A'. Fun anyway!
>
> Tim K50I (ex AB50U)
>
>

>

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [12309] Re: Jamaica, not China: A Freudian Analysis
Message-ID: <3308E04A.603E@edcen.ehhs.cmich.edu>

Another great method of making sure you got the call right is to check into a DX Cluster during contests. Many times you might copy a high speed operator and miss a letter, or as in this case the op was sending a China call as necessary.

Not much gets past a gud DX Cluster and if you think you worked a rare one you can do a sh/dx "call" and see if anyone else has seen this op during the past few hours or even days.

Sure helps when the ops are going 30+ wpm during contests.

Gary/N8AYY

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [12311] Re: Jamaica, not China: A Freudian Analysis
Message-ID: <3308EB5B.612@dancris.com>

That's a good way to get info, but it changes your status to "assisted". If you're competing (which I wasn't), it puts you in against the big guns.

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,
HW-9
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "Claton Cadmus" <aplitech@Spacestar.Net>
Subject: [12250] Re: June'96 QRPp VE7CVJ xcvr?
Message-ID: <199702171322.HAA31839@Spacestar.Net>

Matt posed the question:

: Are the parts on the schematics
: uF or pF? For example, it says 470, is that 470 pF or 470 uF?

Matt, I would agree that this is confusing, especially now that many circuits also use nF. Generally, capacitor ratings without a designation are in pF on this side of the Atlantic. Also, better prepared schematics will contain a note somewhere indicating this as well. You might look around on all the pages for such a note.

Hope this Helps.

73 de KA0GKC Claton Cadmus
E-mail cla@spacestar.net
TCP/IP ka0gkc@ka0gkc.ampr.org
Minnesotans ask me about the Minnesota QRP Society!
<http://www.spacestar.net/users/aplitech/mnqrp/>

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Steve Miller <kg7pv@teleport.com>
Subject: [12260] re: June '96 QRPP VE7CVJ xcvr?
Message-ID: <1.5.4.32.19970217144429.006840f8@mail.teleport.com>

On Sun, 16 Feb 1997 23:03:32 you wrote:

>Hey Gang,

> I was wandering if anyone has tried to build that transceiver in
>the June '96 issue of QRPP. It is on page 38-44, the schematics and
>rig drawing on pages 40 and 41. Are the parts on the schematics
>uF or pF? For example, it says 470, is that 470 pF or 470 uF?

>

>Best 72 DE Matt, AE4JM

>

I may be correct but normally a value greater than 1 is pF while a value less than 1 is uF so .001 is uF and 15 is pF. 73

Steve Miller KG7PV Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "Carol N. Wright" <cnw@HiWAAY.net>
Subject: [12274] re: June '96 QRPP VE7CVJ xcvr?

Message-ID: <Pine.OSF.3.94.970217113702.23520C-100000@fly.HiWAAAY.net>

Hey Steve,

Thanks for the info. I was sort of thinking about what you said, that caps less than 1 are usually uF and greater than 1 is pF, generally. That is what Claton told me also. So I am just going to try pF and if it doesn't work correctly, I'll try uF, but I'm pretty sure that they are pF. Thanks for the help Steve. I think that I'll make my order. This list is great. Best 72 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: "Steve Hurst" <shurst@magiclink.com>

Subject: [12237] Re: KITBUILDING: I need a new kit! Suggestions?

Message-ID: <199702170334.WAA53016@nss2.CC.Lehigh.EDU>

Len,

I just finished a clock kit from "Whiterook Products Co." about a week or two ago, very nice and fun to build clock. I wrote up a review of it for all who are interested, on my web page, so you might want to check it out, a nice addition to any ham shack btw! Have fun !!!
<http://www.magiclink.com/web/shurst/Reviews.html>

73,

Steve

KA7NOC

dit dit

disclaimers: Hey! I like their products, so I am biased !!!! :-)

I was wondering if anyone in the group has built a recent kit
> that they really enjoyed/found useful/challenging/fun, you name it.
>

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>

Subject: [12277] re: NC38s Power out adjustment?

Message-ID: <M29505936.013.rdwue.1.970217175918Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

>I thought I had read about a way to adjust the power out on the 38s

>last week. After looking through 1.5 weeks of digests I don't see
>it.:(Am I dreaming or did someone actually write something on this
>and I can't find it?

>72 de Ron, N8VAR

Ron:

I am working on adapting the 38 special to 40m. Mine is now variable power from about 1.5 to 5w.

I did this by going back to the original amplifier configuration and using the coupling cap to feed the MOSFET amp. I think this is a better configuration anyway because it appears that some people have smoked their finals by getting the drive stuck to +8v when tuning the drive cap, turning on the very MOSFET hard. AC coupling takes care of this problem.

There are three resistors in the gate circuit (I do not have the schematics in front of me). I left in only the 220 ohm. To the capacitor side of this resistor, I applied a variable voltage to set the power level.

I did this by first using a 50 K pot and the R- voltage. The R- voltage is just about 8v during transmit. Using this voltage to bias the MOSFET makes sure the bias is off during receive, and is a regulated voltage, as opposed to the problems people were having with the 12v being raised to 13.8v.

I varied the pot to find what voltage my MOSFET needed to get to 5W. Mine required about 5.25v. So I placed a 47K resistor in series with the 50K pot. From the 7.75 R- voltage, I now have a transmit only, 0-5.25v voltage variable source. I connect this to the bypass cap side of the 220 ohm MOSFET gate resistor.

Like I said, I now get about 1.5w - 5w of output range.

- Dan Tayloe, N7VE (ex-KK7BD), Phoenix, Az; QRPL # 696, Az ScQRPions

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: john andrews <jm165723@eee.org>
Subject: [12287] Re: Need ARCO info
Message-ID: <3308B913.45E@eee.org>

Al Hunter wrote:

>
> Help....need capacitance range for the ARCO 461 and 469 compression
> trimmers. TIA es 72/73
>
> Al - AA6SO

Hi Al:

Arco #460 series values:

ARCO#	Min.	Max.
460	1.5	15
461	2.7	40
462	5.0	80
463	10	180
464	25	280
465	50	380
466	75	480
467	105	580
468	135	680
469	170	780

Hope this helps,

John, N5INZ

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Al Hunter <ahunter@inland.net>
Subject: [12308] Re: Need ARCO info (for use with 38S)
Message-ID: <3.0.1.32.19970217151732.006a6828@inland.net>

John.....thanks for the info. I'm putting together a small 'transmatch'
type antenna 'tuner' for the 38S. If you have done anything similar, let me
know.
72/73

Al - AA6SO

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [12296] Re: Oh ye of little faith.
Message-ID: <199702172111.VAA08139@chuck.dallas.sgi.com>

Jeff,

I keep telling this gang that contests are the way to go if you are in a hurry to rack up states/continents/countries.

Why?

1. The best operators in the world are on at the same time.
2. A lot of operators are on at the same time.
3. The best equipment is all in use at the same time all over the world.
4. The best antenna systems in the world are in use at the same time.

Did I tell you that timing was everything? :-)

Thanks for the entertaining report. We just love this stuff.

Of course this is all going to pale in comparison to doing 10M CW Mobile in two to three years. The race will be on to do 200 countries in one year 10M Mobile CW with 250mW using the left foot on a non-Iambic paddle in Downtown New York City during the Marathon and using a four foot wire for an aerial.....

dit dit

cc: qrp-l

SIG

Chuck Adams K5F0 adams@sgi.com DXCC=9
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997

From: w77kxb@juno.com (William Harris)

Subject: [12225] Re: Oh, no! Those LEO guys are at it again!

Message-ID: <19970216.183151.4855.2.w77kxb@juno.com>

What frequency will the LEO's use over Europe, Asia and Africa? These bands are used by other services. Mexico in fact has other services in these bands. How about South America? There going to get all of these countries to displace these services for their project? There's more to this than meets the eye er ear.

Bill...W7KXB

Mesa, Az.

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: PA3ASC@mailbox.hol.nl (Mike Perry)
Subject: [12290] Re: Oh, no! Those LEO guys are at it again!
Message-ID: <199702172019.VAA11952@bonny.hol.nl>

Bill...W7KXB:

>What frequency will the LEO's use over Europe, Asia and Africa?

>

Some months ago, I discussed this question with a colleague who who is deeply involved in planning a European LEO satellite system. The main conclusion was that the claims on the amateur 2 m and 70 cm bands seem to be US domestic issues, and the presently forseen European satellites will use a completely different region of the spectrum than the ham-bands for satellite-mobile communications.

Best 73 de PA3ASC

--

Best regards from The Netherlands,
Mike Perry. [e-mail :- PA3ASC@mailbox.hol.nl]

=====

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [12228] Re: QRP Tuner..BNC for QRP
Message-ID: <8D22267.0004000BB6.uuout@cheaha.com>

-> Sure wish they had used BNC chassis connectors for the Antenna and
-> Transmitter jacks on the Ten-Tec enclosure. Isn't that considered the
-> "standard" now by all QRPers? ;-)

I know what you mean. I recently put together my WM-2 Watt Meter and the connections on it were also UHF 239's. I'd rather have the BNC connectors.

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [12279] Re: QRP Tuner..BNC for QRP
Message-ID: <Pine.SUN.3.90.970217091918.26521C-1000000@vortex.sage.dri.edu>

Hi Ed and List,

One thing to think about.....

With use, any connector will wear out. I like to avoid lots of work by using SO 239's on the rigs and etc. Then use adaptors to BNC. When the BNCs get worn, I just replace the adaptors!

And that lets me use PL 259s for the 100w rig without any trouble.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "Bob Edwards, W4ED" <rbe@atlanta.com>
Subject: [12223] Re: Radials
Message-ID: <3307CCAD.7CED@atlanta.com>

Also, don't force the antler to be stuck in the ground if it doesn't have to be there.

An elevated vertical 1/2 wave dipole should outperform a 1/4 wave vertical stuck on the ground, even if the ground plane is perfect. And the vertical dipole only has one ground radial, hi.

--

Bob 72/73

W4ED x_AE4CA nr Atlanta @EM73wt

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      /|
     / |
    /  | \
   /| / E | \
  /_ | /____|__ \_
```

...."QRP", more from less.... [\--=====/
:EMPS QS0s=90 STATES=30/9 DX=?? ~~~~~

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [12245] Re: Radials...directivity, gain?
Message-ID: <8D22559.0004000BFA.uuout@cheaha.com>

If radials are omitted on one side of the antenna will this create a
type of gain towards the side with radials?

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+

> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Jim Hydzik <congress@magpage.com>
Subject: [12249] Re: Radials...directivity, gain?
Message-ID: <199702171226.HAA20218@alaska.magpage.com>

Hi Ed,

At 10:49 PM 2/16/97 -0600, you wrote:

>If radials are omitted on one side of the antenna will this create a

>type of gain towards the side with radials?

>

>Ed Welch KF4KRV

Absolutely! Actually it changes the take-off angle substantially. We did
this all the time in New England to get rid of European SWL-BC stations when
working Field Day and other USA-NA contests. If you want to see for
yourself, hang a 40M vertical from a tall tree so the feed point is 6-10
feet above the ground. Attach 4 radials fanned toward Europe to one side of
a SPDT 12VDC relay and 4 radials facing towards the SW to the other relay

contact. If the radial down angles and lengths are near equal, the SWR will change very little when you apply the 12 V to change radial systems. We've seen as much as 4+ S-units difference on SWL station reduction, obviously dependant on ideal takeoff angle on a given night. Using this radial switcher you can pick up the DX stations to the NE if you want them or focus on the longer domestic paths.

The most fun is catching ZL's at 4 AM and seeing which way is best, Jim
K3QIO DEL.

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Bill Howell <bhowell@mail.utexas.edu>
Subject: [12297] RE: Shure desk mic hookup
Message-ID: <199702172128.PAA28538@mail.utexas.edu>

Try this number. I'll bet they'll fax you a diagram.

Shure Bros.
(708) 866-2200

You wrote:

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [12220] Re: Vanity Call Sign Question
Message-ID: <3307ad2c.112400078@smtp.usit.net>

On Sun, 16 Feb 1997 17:00:39 -0500 (EST), KR4GL@aol.com wrote:

>Could someone who's done this answer a couple of dumb questions I have =
>not
>been able to figure out myself?
>
>If you apply for a vanity call sign using the FCC's electronically filed
>form, how do you send the \$30.00 to the Pittsburgh address that =
>collects the
>money? I see no mention of the way to pay on the electronic form.

Print the form out and mail it. (Believe it or not -- you can apply
on-line, but have to mail the payment.)

>Also, how do you find out if a desired 1X3 call is unused? The QRZ web =
page

>list only lists unused 1X2 and 2X1 calls. Or do I just guess and hope =
that
>within 25 choices one of my guesses is real?

Second choice is probably the most efficient. If none of your calls
is available, you can then apply for a refund of the 30 bucks.

Or try different callsign combos on the QRZ site and see what they
say. If they come up as not being used, try them. The QRZ list
can't tell you what's been vacated for how long, only if it isn't
currently in use. Might also check the FCC transaction search via
the ARRL web page, to see if the call(s) you're interested in has
been issued in the last three or four weeks.

I just listed a few 1x2 and 2x1's that I thought I'd like from the
QRZ site, the remainder were 1x3 selected at random (initials, CPA
certification, etc.). I could have gotten my great-uncle's old call
(I think) since he died some 4 years ago, but somehow W0YFL didn't
seem like a good CW choice! :)

72 es 73 de=20
Marty, KM7W (x-KN4BH)

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
ARRL VE - QRP ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid Sq EM55oq

From owner-qrp-l@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>
Subject: [12292] Re: Which XCVR is Lightest/Least RX ma drain
Message-ID: <M29508290.014.rjugg.1.970217200715Z.CC-MAIL*/OU=SATCG/OU=AZBH/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

>Can anyone tell me off the top your head...don't go digging for this
>one...What 40m xcvr has the least rx/current drain and is the
>lightest weight? ...Oh, it needs to have some basic features like
>RIT/offset/sidetone preferably audio or crystal filtering...I'm
>looking for the lightest weight trail radio that's easy on batteries!
>My 49er is fun but doesn't compare to my Explorer for true features.
>Any recommendations/opinions welcomed!!!!?? Steve

>Just having FUN w/QRP adventures..... QRP-L # 911

>49er/HW8/ExplorerII/Zepp in attic @ CO SPGS,CO
>HTTP://www.webaccess.net/~S&P

ARS# 206
Steve-N0TU

Steve:

A modified NN1G draws only 7 ma. See the articles in "QRP Power" by ARRL on the modifications. They mainly involve using low power regulators (a 78L08 draws 4ma of bias current, no load), a lower power op-amp for the audio, and changes to the T/R circuit.

I built a modified version of this for the 80m sprint.

I think a regular NN1G draws about 14 ma. In comparison, a Sierra type receiver or a Norcal 40a draws about 45ma.

- Dan Tayloe, N7VE (ex-KK7BD) Phoenix, Az, QRP1 # 696, Az ScQRPions

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Stanley Wilson <microres@crl.com>
Subject: [12314] Re: WIN95 log, CW software found
Message-ID: <Pine.SUN.3.91.970217154617.17210A-100000@crl9.crl.com>

Why would anyone send a HTML coded e-mail messages to a mail list ?

From owner-qrp-1@Lehigh.EDU Mon Feb 17 18:04:45 1997
From: Joe Gervais <vole@primenet.com>
Subject: [12288] Re: Worked all states QSL's?
Message-ID: <199702172005.NAA00810@usr08.primenet.com>

Mike (K6MW) wrote:

> I am in the process of sorting QSL's to submit to ARRL for WAS.
>
> Was wondering if the cards I submit have to have my call/QRP from the
> other op to count for WAS or can I submit cards that I know were QRP but
> not designated /QRP from the responding operator.

Just checked this out myself recently via the ARRL webpage.

It appears that you have to sign a separate form affirming that all contacts were made while you were QRP, and that takes care of it.

Which is a good thing, since half the time I don't bother telling the other op I'm QRP. Some QSOs seem to last much longer that way. :-)

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)